

04582

ADMINISTRATIVE RECORD INDEX

for the

WRIGLEY CHARCOAL (OP UNIT 1) NPL Site

1.0 PRE-REMEDIAL

1.1 Correspondence

1. Telephone Notes between Felicia Barnett, EPA Region IV, to Ronnie Bowers, Tennessee Department of Health and Environment (February 12, 1987). Concerning the January 21, 1986, Field Trip to Wrigley Charcoal to obtain tar pit dimensions.

1.7 CERCLA Site Discovery

1. "Site Alias Name Change," State of Tennessee form (DATE UNKNOWN). Concerning information needed to enter site into the ERRIS Data Base.

1.8 Preliminary Assessment Documents

1. "Preliminary Assessment & Site Inspection of Wrigley Charcoal Site, Wrigley, Tennessee," Lorenzo Richardson, Roy F. Weston, Inc. (February 5, 1986).
2. "Potential Hazardous Waste Site, Preliminary Assessment, Pinewood Manufacturing, Wrigley, Hickman County, TN" (January 7, 1987).

1.9 Site Inspection Documents

1. "Initial Site Visit, Wrigley Dump, Wrigley, Tennessee," Representatives from the State of Tennessee Department of Solid Waste Management (April 25, 1985).
2. "Potential Hazardous Waste Site-Site Inspection Report-Wrigley Charcoal, Wrigley, TN," Felicia Barnett, EPA Region IV (October 31, 1986).

2.0 REMOVAL RESPONSE

2.1 Correspondence (cont'd.)

1. Letter from John DeMelas, Roy F. Weston, Inc., to Ronnie Bowers, Tennessee Department of Health and Environment (May 31, 1988). Concerning the Ground Water Inventory at Wrigley Charcoal Site; Wrigley, Hickman County, TN. (This document contains confidential information which is only available for judicial review).
2. Memorandum from Richard Green, EPA Region IV, to Robert Jourdan, EPA Region IV (July 5, 1988). Concerning the transmittal of a site evaluation of the Wrigley Charcoal Site and a request that Mr. Jourdan review the status of the Wrigley Charcoal site in Hickman County, Tennessee.
3. Letter from Greer Tidwell, EPA Region IV, to the Honorable Ned McWherter, Governor of Tennessee (September 16, 1988). Concerning the response to Governor McWherter's letter of August 25, 1988 (copy attached).
4. Cross-Reference: Memorandum from Richard Green, EPA Region IV, to Robert Jourdan, EPA Region IV (September 16, 1988). Concerning the ongoing removal actions at the Wrigley Charcoal Site. [Filed and cited as entry number 3 in 3.1 REMEDIAL INVESTIGATION (RI) - Correspondence]
5. Cross-Reference: Memorandum from Richard Green, EPA Region IV, to Robert Jourdan, EPA Region IV (September 20, 1988). Concerning the removal activity at the Wrigley Charcoal Site. [Filed and cited as entry number 4 in 3.1 REMEDIAL INVESTIGATION (RI) - Correspondence]

2.2 Sampling and Analysis Data

The Sampling and Analysis Data for the Removal Response may be reviewed, by appointment only, at EPA Region IV, Atlanta, Georgia.

1. "Sampling Plan for Wrigley Charcoal Plant--Wrigley, Tennessee," Roy F. Weston, Inc. (April 28, 1986).

2.8 Removal Response Reports (cont'd.)

1. "Hazardous Waste Site Investigation and Emergency Response - Safety Plan," Roy F. Weston, Inc. (May 1, 1986).
2. Memorandum from Jeffrey Lybarger, Agency for Toxic Substances and Disease Registry to Casimir (Chuck) Pietrosewicz, Agency for Toxic Substances and Disease Registry (August 6, 1986). Requesting the assistance of the Agency for Toxic Substances and Disease Registry (ATSDR) to review sampling data from the Wrigley Charcoal Site, Wrigley, Tennessee, to determine if a public health threat exists.
3. Cross-Reference: Memorandum from Chuck Pietrosewicz, Agency for Toxic Substances and Disease Registry, to Dora Ann Danner, EPA Region IV (April 3, 1991). Concerning implications for potential public health threat through the review of the "Field Investigation Report - Wrigley Charcoal Site - Wrigley, Hickman County, Tennessee, TND980844781 and analytical data sheets from recent off site sampling. [Filed and cited as entry number 2 in 3.11 REMEDIAL INVESTIGATION (RI) - Health Assessments]
4. Memorandum from Greg Hurley, Roy F. Weston, to Dora Ann Danner, EPA Region IV (April 15, 1991). Concerning the enclosed report supporting soil sampling at the Wrigley Charcoal Site.

2.9 Action Memoranda

1. Memorandum from Rita Ford, EPA Region IV, to Greer Tidwell, EPA Region IV (August 5, 1988). Action Memorandum concerning a request for authorization of funds for removal actions at the Wrigley Charcoal Proposed NPL Site in Wrigley, Hickman County, Tennessee. (This document contains confidential information which is only available for Judicial review).
2. Memorandum from Rita Ford, EPA Region IV, to Greer Tidwell, EPA Region IV (October 11, 1988). Concerning a request for additional funding for the Wrigley Charcoal Site removal activity. (This document contains confidential information which is only available for Judicial review).

2.11 On-Scene Coordinator Reports (cont'd.)

1. "Wrigley Charcoal Site, Wrigley, Hickman County, Tennessee - Volume 1," EPA Region IV (DATE UNKNOWN). Concerning the removal report at the Wrigley Charcoal Site. (Section IV, Figure 4 and Appendix E contain confidential information and are only available for Judicial review).
2. "Wrigley Charcoal Site, Wrigley, Hickman County, Tennessee - Volume 2," EPA Region IV (DATE UNKNOWN). (Appendix F contains confidential information and is only available for Judicial review).
3. "Wrigley Charcoal Site, Wrigley, Hickman County, Tennessee - Volume 3," EPA Region IV (DATE UNKNOWN). (Appendix F, cont'd contains confidential information and is only available for Judicial Review).

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence

1. Letter from Derek Matory, EPA Region IV, to Glenn Pugh, State of Tennessee Department of Health (March 15, 1988). Concerning a site inspection at the Wrigley Charcoal Site.
2. Memorandum from Richard Green, EPA Region IV, to Robert Jourdan, EPA Region IV (July 5, 1988). Concerning a request for review of the status of the Wrigley Charcoal Site including the transmittal a report on a site visit in March, 1988.
3. Memorandum from Richard Green, EPA Region IV, to Robert Jourdan, EPA Region IV (September 16, 1988). Concerning the ongoing removal actions at the Wrigley Charcoal Site.
4. Memorandum from Richard Green, EPA Region IV, to Robert Jourdan, EPA Region IV (September 20, 1988). Concerning the removal activity at the Wrigley Charcoal Site.
5. Memorandum from Derek Matory, EPA Region IV, to M. D. Lair, EPA Region IV (May 15, 1989). Concerning a request for assistance from the Hazardous Waste Section during development of the Remedial Investigation/Feasibility Study.

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence (cont'd.)

6. Memorandum from Russell Todd, EPA Region IV, to Derek Matory, EPA Region IV (September 18, 1989). Concerning the suggestion that additional sampling and analysis be considered to establish if ecological impacts are attributed to the site.
7. Memorandum from Doug Bell, EPA Region IV, to Tim Wolterink, Ebasco Services Incorporated (May 7, 1990). Concerning the transmittal of the Emergency Response Report for the Wrigley Charcoal Site. This report is located in entry number 1 of 2.11 REMOVAL RESPONSE - On-Scene Coordinator Reports.
8. Project Organization - Remedial Investigation, Wrigley Charcoal Site, Wrigley, Tennessee, Ebasco Services Incorporated (May 15, 1990).

3.2 Sampling and Analysis Data

1. Verified Sampling Data, Chain of Custody Forms and Quality Assurance and Quality Control Documents related to Verified Sampling Data are currently located at EPA Region IV, Environmental Services Division, Athens, Georgia. Such Documentation will be made available for review upon request sent to the Remedial Project Manager for the Wrigley Charcoal Site, Region IV, EPA Region, 345 Courtland Street, Atlanta, Georgia 30365 (DATE UNKNOWN).
2. Cross-Reference: "Field Sampling and Analysis Plan - Wrigley Charcoal Site, Wrigley, Hickman County, Tennessee, Ebasco Services Incorporated [Filed and cited as entry number 5 in 3.8 Remedial Investigation (RI) Interim Deliverables (August 1989)].
3. Letter from John Moore, Ebasco Services Incorporated, to Danny Scott, TWRA (February 15, 1990). Concerning obtaining a Tennessee Fisheries Scientific Collection Permit.
4. Sampling and Analysis Data, Ebasco Services Incorporated (March 12, 1990).
5. "Final Addendum to Field Sampling and Analysis Plan - Wrigley Charcoal Site," Ebasco Services Incorporated (March 14, 1990).

3.2 Sampling and Analysis Data (cont'd.)

6. Cross-Reference: Letter from Doug Bell, EPA Region IV, to Robert Powell, State of Tennessee Department of Health and Environment (March 20, 1990). Concerning the transmittal of the final Work Plan Addendum and Final Addendum to the Field Sampling and Analysis Plan for Phase II field investigations. [Filed and cited as entry number 7 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]
7. Letter from D. Karen Knight, Ebasco Services Incorporated, to Doug Bell, EPA Region IV (March 21, 1990). Concerning transmittal of the Final Field Sampling and Analysis Plan Addendum for the Wrigley Charcoal Site.
8. Cross-Reference: Memorandum from William McDaniel, EPA Region IV, to Bill Bokey, EPA Region IV (May 8, 1991). Concerning transmittal of the results of the Cyanide analysis taken at the Wrigley Charcoal Site. [Filed and cited as entry number 1 in 4.2 FEASIBILITY STUDY (FS) - Sampling and Analysis Data]
9. Cross-Reference: Memorandum from Tom Bennett, Jr., EPA Region IV, to Bill Bokey, EPA Region IV (May 15, 1991). Concerning transmittal of the results of Extractable Organic Analysis at the Wrigley Charcoal Site. [Filed and cited as entry number 2 in 4.2 FEASIBILITY STUDY (FS) - Sampling and Analysis Data]
10. Cross-Reference: Memorandum from Tom Bennett, Jr., EPA Region IV, to Bill Bokey, EPA Region IV (May 16, 1991). Concerning transmittal of the results of Purgeable Organic analysis at the Wrigley Charcoal Site. [Filed and cited as entry number 3 in 4.2 FEASIBILITY STUDY (FS) - Sampling and Analysis Data]
11. Cross-Reference: Memorandum from William McDaniel, EPA Region IV, to Bill Bokey, EPA Region IV (May 18, 1991). Concerning transmittal of the results of Metals Analysis at the Wrigley Charcoal Site. [Filed and cited as entry number 4 in 4.2 FEASIBILITY STUDY (FS) - Sampling and Analysis Data]
12. Cross-Reference: Letter from Mike Buchanan, Ecotek Laboratory Services, Inc., to H. Mac Bowes, Ensate, Inc. (May 22, 1991). Concerning the transmittal of samples received April 29, 1991. [Filed and cited as entry number 5 in 4.2 FEASIBILITY STUDY (FS) - Sampling and Analysis Data]

3.2 Sampling and Analysis Data (cont'd.)

13. Cross-Reference: Memorandum from Robert Knight, EPA Region IV, to Bill Bokey, EPA Region IV (May 28, 1991). Concerning the transmittal of the sampling and analysis results for Dioxin/Furan Analyses. [Filed and cited as entry number 6 in 4.2 FEASIBILITY STUDY (FS) - Sampling and Analysis Data]
14. Cross-Reference: Letter from H. Mac Bowes, Ensate, Inc., to Dora Ann Danner, EPA Region IV (May 29, 1991). Concerning the transmittal of sampling and analysis results taken at the Wrigley Charcoal Site. [Filed and cited as entry number 7 in 4.2 FEASIBILITY STUDY (FS) - Sampling and Analysis Data]
15. Cross-Reference: Letter from Mike Buchanan, EcoTek Laboratory Services, Inc., to Mac Bowes, Ensate, Inc. (May 31, 1991). Concerning the transmittal of the Dioxin results for samples taken from the Wrigley Charcoal Site. [Filed and cited as entry number 8 in 4.2 FEASIBILITY STUDY (FS) - Sampling and Analysis Data]

3.4 Work Plans and Progress Reports

1. Memorandum from David Hill, EPA Region IV, to Derek Matory, EPA Region IV (June 30, 1989). Concerning comments on the draft Remedial Investigation work plan and the draft Field Operations Plan.
2. Memorandum from Becky Fox, EPA Region IV, to Derek Matory, EPA Region IV (July 13, 1989). Concerning comments on the draft Remedial Investigation work plan.
3. Letter from Derek Matory, EPA Region IV, to Tim Wolterink, Ebasco Services Incorporated (July 18, 1989). Concerning EPA Region IV's comments of the draft May 1989 RI/FS Work Plan and the draft May 1989 Field Operations Plan.
4. "Work Plan - Wrigley Charcoal Site - Wrigley, Hickman County, Tennessee," Ebasco Services Incorporated (August 1989). Regarding the Remedial Investigation/Feasibility Study at the Wrigley Charcoal Site.
5. Memorandum from Doug Bell, EPA Region IV, to Tim Wolterink, Ebasco Services Incorporated (March 7, 1990). Concerning comments on the draft Work Plan Addendum for the RI/FS - Phase II Field Investigation.

3.4 Work Plans and Progress Reports (cont'd.)

6. "Final Work Plan Addendum - Phase II Field Investigation - Wrigley Charcoal Site RI/FS - Wrigley, Hickman County, Tennessee" Ebasco Services Incorporated (March 14, 1990).
7. Letter from Doug Bell, EPA Region IV, to Robert Powell, State of Tennessee Department of Health and Environment (March 20, 1990). Concerning the transmittal of the final Work Plan Addendum and Final Addendum to the Field Sampling and Analysis Plan for Phase II field investigations.

3.8 Interim Deliverables

1. Cross-Reference: "Site-Specific Health and Safety Plan for REM III Hazardous Waste Site Activities," Ebasco Services Incorporated [Filed in Section III of entry number 5 of 3.8 REMEDIAL INVESTIGATION - Interim Deliverables] (April 1989).
2. Memorandum from Donald Hunter, EPA Region IV, to Derek Matory, EPA Region IV (June 16, 1989). Concerning comments on the Draft May 1989 Field Operations Plan.
3. Cross-Reference: Memorandum from David Hill, EPA Region IV, to Derek Matory, EPA Region IV (June 30, 1989). Concerning comments on the draft Remedial Investigation work plan and the draft Field Operations Plan. [Filed and cited as entry number 1 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]
4. Cross-Reference: Letter from Derek Matory, EPA Region IV, to Tim Wolterink, Ebasco Services Incorporated (July 18, 1989). Concerning EPA Region IV's comments of the draft May 1989 RI/FS Work Plan and the draft May 1989 Field Operations Plan. [Filed and cited as entry number 3 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]
5. "Field Operations Plan - Wrigley Charcoal Site - Wrigley, Hickman County, Tennessee," Ebasco Services Incorporated (August 1989).
6. Cross-Reference: "Site Management Plan - Wrigley Charcoal Site, Wrigley, Hickman County, Tennessee," Ebasco Services Incorporated [Filed in Section II entry number 5 of 3.8 REMEDIAL INVESTIGATION - Interim Deliverables] (August 1989).

3.8 Interim Deliverables (cont'd.)

7. Memorandum from Doug Bell, EPA Region IV, to Wade Talbot, EPA Region IV (March 8, 1990). Concerning a request for additional aerial photographs of the Wrigley Charcoal Site.
8. "Site Analysis - Wrigley Charcoal - Wrigley, Tennessee," EPA Region IV (September 1990). Concerning an analysis of historical photography of the Wrigley Charcoal Site.
9. Memorandum from Gordon Howard, EPA Environmental Photographic Interpretation Center, to Rebecca Slack, EPA Region IV (September 26, 1990). Concerning the transmittal of the September 1990 "Site Analysis - Wrigley Charcoal - Wrigley, Tennessee," EPA Region IV.
10. Letter from David Knapp, Ebasco Services Incorporated, to Doug Bell, EPA Region IV (November 28, 1990). Concerning the transmittal of climatological data to assist in planning air monitoring programs associated with remedial actions at the Wrigley Charcoal Site.
11. "Start Program Special Investigation - Review of Technologies for Operable Unit 1: Wrigley Charcoal Superfund Site," David Smith, Superfund Technical Assistance Response Team (START) (January 14, 1991).
12. Memorandum from Roger Carlton, EPA Region IV, to Douglas Bell, EPA Region IV (March 8, 1991). Concerning the transmittal of the "Field Investigation Report - Wrigley Charcoal Site - Wrigley, Hickman County, Tennessee, TND980844781.

3.10 Remedial Investigation (RI) Reports

1. "Final Remedial Investigation Report - Wrigley Charcoal Site - Hickman County, Tennessee - Volume IV - Appendix A (Abridged)," Ebasco Services Incorporated (September 1990).
2. "Final Remedial Investigation Report - Wrigley Charcoal Site - Hickman County, Tennessee - Volume V - Appendix A - Section A.1)," Ebasco Services Incorporated (September 1990).
3. "Final Remedial Investigation Report - Wrigley Charcoal Site - Hickman County, Tennessee - Volume VI - Appendix A - Section A.2," Ebasco Services Incorporated (September 1990).

3.10 Remedial Investigation (RI) Reports (cont'd.)

4. "Final Remedial Investigation Report - Wrigley Charcoal Site - Hickman County, Tennessee - Volume VII - Appendix A - Section A.3, Section A.4, Section A.5," Ebasco Services Incorporated (September 1990).
5. "Final Remedial Investigation Report - Wrigley Charcoal Site - Hickman County, Tennessee - Volume VIII - Appendix A - Section A.6, Section A.7, Section A.8," Ebasco Services Incorporated (September 1990).
6. "Final Remedial Investigation Report - Wrigley Charcoal Site - Hickman County, Tennessee - Volume IX - Appendix A - Section A.9, Section A.10, Section A.11, Section A.12," Ebasco Services Incorporated (September 1990).
7. "Final Remedial Investigation Report - Wrigley Charcoal Site - Hickman County, Tennessee - Volume X - Appendix A - Section A.13, Section A.14, Section A.15, Section A.16, Section A.17," Ebasco Services Incorporated (September 1990).
8. Memorandum from Don Draper, EPA Region IV, to Doug Bell, EPA Region IV (January 23, 1991). Concerning comments on Volume I and II of the Final Remedial Investigation for the Wrigley Charcoal Site.
9. "Revised Final Remedial Investigation Report - Wrigley Charcoal Site, Hickman County, Tennessee - Volume I," Ebasco Services Incorporated (June 25, 1991).
10. "Revised Final Remedial Investigation Report - Wrigley Charcoal Site, Hickman County, Tennessee - Volume II," Ebasco Services Incorporated (June 25, 1991).
11. "Risk Assessment for Revised Final Remedial Investigation Report - Wrigley Charcoal Site, Hickman County, Tennessee - Volume III," Ebasco Services Incorporated (June 25, 1991).
12. "Revised Final Remedial Investigation Report - Wrigley Charcoal Site, Hickman County, Tennessee - Volume XI - Appendix B-L," Ebasco Services Incorporated (June 25, 1991).

3.10 Remedial Investigation (RI) Reports (cont'd.)

13. Letter from J. David Knapp, Ebasco Services Incorporated, to Doug Bell, EPA Region IV (July 2, 1991). Concerning the transmittal of Ebasco's responses to EPA Region IV's comments on the September 1990 "Final Remedial Investigation Report - Wrigley Charcoal Site - Hickman County, Tennessee.

3.11 Health Assessments

1. "Preliminary Health Assessment for Wrigley Charcoal - Wrigley, Hickman County, Tennessee, Cerclis no. TND980844781 (May 9, 1990).
2. Memorandum from Chuck Pietrosewicz, Agency for Toxic Substances and Disease Registry, to Dora Ann Danner, EPA Region IV (April 3, 1991). Concerning implications for potential public health threat through the review of the "Field Investigation Report - Wrigley Charcoal Site - Wrigley, Hickman County, Tennessee, TND980844781 and analytical data sheets from recent off site sampling.

3.12 Endangerment Assessments

1. Cross-Reference: "Risk Assessment for Revised Final Remedial Investigation Report - Wrigley Charcoal Site, Hickman County, Tennessee - Volume III," Ebasco Services Incorporated (June 25, 1991). [Filed and cited as entry number 11 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]

4.0 FEASIBILITY STUDY (FS)

4.1 Correspondence

1. Letter from Doug Bell, EPA Region IV, to David Knapp, Ebasco Services Incorporated (November 29, 1990). Concerning a response for a request for information on defining operable units within the Wrigley Charcoal Site.

4.2 Sampling and Analysis Data

The Sampling and Analysis Data for the Wrigley Charcoal Site may be reviewed, by appointment only, at EPA Region IV, Atlanta, Georgia.

4.2 Sampling and Analysis Data (cont'd.)

1. Memorandum from William McDaniel, EPA Region IV, to Bill Bokey, EPA Region IV (May 8, 1991). Concerning transmittal of the results of the Cyanide analysis taken at the Wrigley Charcoal Site.
2. Memorandum from Tom Bennett, Jr., EPA Region IV, to Bill Bokey, EPA Region IV (May 15, 1991). Concerning transmittal of the results of Extractable Organic Analysis at the Wrigley Charcoal Site.
3. Memorandum from Tom Bennett, Jr., EPA Region IV, to Bill Bokey, EPA Region IV (May 16, 1991). Concerning transmittal of the results of Purgeable Organic analysis at the Wrigley Charcoal Site.
4. Memorandum from William McDaniel, EPA Region IV, to Bill Bokey, EPA Region IV (May 18, 1991). Concerning transmittal of the results of Metals Analysis at the Wrigley Charcoal Site.
5. Letter from Mike Buchanan, Ecotek Laboratory Services, Inc., to H. Mac Bowes, Ensite, Inc. (May 22, 1991). Concerning the transmittal of samples received April 29, 1991.
6. Memorandum from Robert Knight, EPA Region IV, to Bill Bokey, EPA Region IV (May 28, 1991). Concerning the transmittal of the sampling and analysis results for Dioxin/Furan Analyses.
7. Letter from H. Mac Bowes, Ensite, Inc., to Dora Ann Danner, EPA Region IV (May 29, 1991). Concerning the transmittal of sampling and analysis results taken at the Wrigley Charcoal Site.
8. Letter from Mike Buchanan, EcoTek Laboratory Services, Inc., to Mac Bowes, Ensite, Inc. (May 31, 1991). Concerning the transmittal of the Dioxin results for samples taken from the Wrigley Charcoal Site.
9. Memorandum from Lavon Revells, EPA Region IV, to Bill Bokey, EPA Region IV (June 26, 1991). Concerning the transmittal of the results of the Pesticide/PCB Analysis.

4.4 Work Plans and Progress Reports (cont'd.)

1. Cross-Reference: "Work Plan - Wrigley Charcoal Site - Wrigley, Hickman County, Tennessee," Ebasco Services Incorporated (August 1989). Regarding the Remedial Investigation/Feasibility Study at the Wrigley Charcoal Site. [Filed and cited as entry number 4 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]
2. "Work Plan - Wrigley Charcoal Site - Wrigley, Hickman County, Tennessee," (June 1990). Concerning the Feasibility Study at the Wrigley Charcoal Site.
3. "Feasibility Study Work Plan and Community Relations Work Plan - Wrigley Charcoal Site, Wrigley, Hickman County, Tennessee," Ebasco Services Incorporated (August 1990).
4. Letter from D. Karen Knight, Ebasco Services Incorporated, to Doug Bell, EPA Region IV (August 17, 1990). Concerning preliminary comments on the Work Plan for the Wrigley Charcoal Site Feasibility Study and the Community Relations Plan work plan.
5. Letter from David Knapp, Ebasco Services Incorporated, to Doug Bell, EPA Region IV (April 19, 1991). Concerning the transmittal of the revised project schedule for the Wrigley Charcoal Site Feasibility Study.

4.7 Applicable or Relevant and Appropriate Requirements (ARARs)

1. Cross-Reference: Potential Applicable or Relevant and Appropriate Requirements (ARARs) for the Wrigley Charcoal Site are filed in Section 2.3 and Appendix F of the July 3, 1991 "Revised Draft Final - Feasibility Study - Wrigley Charcoal Site, Wrigley, Hickman County, Tennessee," Ebasco Services Incorporated (April 17, 1991).

4.9 Feasibility Study (FS) Reports

1. "Revised Draft Final - Feasibility Study Report - Wrigley Charcoal Site, Wrigley, Hickman County, Tennessee," Ebasco Services Incorporated (July 3, 1991).

4.9 Feasibility Study (FS) Reports (cont'd.)

2. "Final - Feasibility Study Report - Wrigley Charcoal Site, Wrigley, Hickman County, Tennessee," Ebasco Services Incorporated (September 23, 1991).

4.10 Proposed Plans for Selected Remedial Action

1. "Superfund Proposed Plan Fact Sheet - Interim (July 1991).
2. Letter from Herbert Harper, Tennessee Historical Commission, to Suzanne Durham, EPA Region IV (July 17, 1991). Concerning a request for information in order that the Commission may complete it's review.
3. Letter from Ralph Sinclair, State of Tennessee Department of Environment and Conservation, to Harold Taylor, EPA Region IV (July 31, 1991). Concerning the State of Tennessee's comments on the Proposed Plan for the Wrigley Charcoal Site.
4. Letter from Melissa McGuire, Baker, Worthington, Crossley, Stansberry & Woolf (On Behalf of the Tennessee Farmers Cooperative), to Suzanne Durham, EPA Region IV (August 3, 1991). Concerning their request that the public comment period be extended an additional 30 days.
5. Letter from Doug Bell, EPA Region IV, to Herbert Harper, Tennessee Historical Commission, (August 8, 1991). Response to Herbert Harper's letter of July 17, 1991 concerning the Tennessee Historical Commission's review of the proposed plan.
6. Letter from Suzanne Durham, EPA Region IV, to Melissa McGuire, Baker, Worthington, Crossley, Stansberry & Woolf (On Behalf of the Tennessee Farmers Cooperative) (August 12, 1991). Concerning EPA Region IV's granting the request to extend the public comment period an additional 30 days.
7. Letter from Herbert Harper, Tennessee Historical Commission, to Suzanne Durham, EPA Region IV (August 13, 1991). Concerning the Commissions' comments on the proposed plan for the Wrigley Charcoal Site.

4.10 Proposed Plans for Selected Remedial Action
(cont'd.)

8. Letter from Harold Taylor, EPA Region IV, to Ralph Sinclair, State of Tennessee Department of Environment and Conservation (August 19, 1991). Concerning response to the State of Tennessee's comments on the Proposed Plan for the Wrigley Charcoal Site.
9. Letter from J. David Randolph, State of Tennessee Department of Environment and Conservation, to Doug Bell, EPA Region IV (September 11, 1991). Concerning the state's concurrence with the proposed plan for the Wrigley Charcoal Site.
10. Letter from Bob Cunningham, de maximis, inc., to Suzanne Durham, EPA Region IV (September 13, 1991). Concerning comments on the July, 1991 Proposed Plan Fact Sheet - Interim Remedial Action at the Wrigley Charcoal Site - Wrigley, Tennessee," EPA Region IV.
11. Letter from Douglas A. Bell, EPA Region IV, to Tim Stewart, Tennessee Department of Environment and Conservation. Concerning request for review and comments on the enclosed Draft Proposed Plan for the forthcoming ROD Amendment. (August 10, 1994).
12. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Douglas Bell, EPA Region IV. Concerning comments on the Draft Proposed Plan. (August 15, 1994).
13. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Doug Bell, EPA Region IV. Concerning State's assessment of the disposal option as presented in the draft Proposed Plan. (September 19, 1994).
14. Letter from Douglas A. Bell, EPA Region IV, to Tim Stewart, Tennessee Department of Environment and Conservation. Concerning status of Proposed Plan and ROD Amendment for the Wrigley Charcoal Site. (September 20, 1994).
15. "U.S. EPA Issues Proposed Plan to Modify Interim Action Record of Decision, Wrigley Charcoal Site," EPA Region IV. (October 1994).

5.0 RECORD OF DECISION (ROD)

5.9 Record of Decision (ROD) (cont'd.)

1. Letter from Ralph M. Sinclair, Tennessee Department of Environment and Conservation, to Harold Taylor, EPA Region IV. Concerning comments on the Draft ROD. (July 31, 1991).
2. Letter from Ralph Sinclair, State of Tennessee Department of Conservation, to Doug Bell, EPA Region IV (September 25, 1991). Concerning the State of Tennessee's concurrence with the Interim Action Record of Decision (ROD) for the Wrigley Charcoal Site.
3. "Interim Remedial Action Record of Decision - Summary of Remedial Alternative Selection - Wrigley Charcoal Site - Wrigley, Hickman County, Tennessee," EPA Region IV (September 30, 1991).
4. "Amendment to the Interim Action Record of Decision: Wrigley Charcoal Superfund Site - Wrigley, Hickman County, Tennessee," EPA Region IV. (February 2, 1995).
5. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Liza Montalvo, EPA Region IV. Concerning agreement with the Explanation of Significant Differences with a suggested substitution regarding Phase II Interim Remedial Action activities. (August 29, 1995).
6. "Explanation of Significant Differences and Remedial Action Update - Wrigley Charcoal Superfund Site, Wrigley, Hickman County, Tennessee," EPA Region IV. (October 1995).
7. Memorandum from Liza I. Montalvo, EPA Region IV, to Debbie Jourdan, EPA Region IV. Concerning request to add the Explanation of Significant Differences and related documentation to the Wrigley Charcoal Administrative Record. (November 16, 1995).

6.0 REMEDIAL DESIGN (RD)

6.1 Correspondence

1. Letter from Clinton W. Willer, Tennessee Department of Environment and Conservation, to Harold Taylor, EPA Region IV. Concerning proposal for expansion of the remedial actions for Operable Unit One. (November 3, 1993).

6.0 REMEDIAL DESIGN (RD)

6.1 Correspondence (cont'd.)

2. Letter from Harold W. Taylor, EPA Region IV, to Clinton W. Willer, Tennessee Department of Environment and Conservation. Letter concurring with the State of Tennessee to remediate wastes at the Storage Basin as part of the Interim Action (OU-1). (November 30, 1993).
3. Letter from Joseph R. Franzmathes, EPA Region IV, to Donna Clark, Jack Daniel Distillery. Concerning affirmative determination of acceptability for the receipt of off-site waste at Jack Daniel Distillery. (May 26, 1994).
4. Letter from Donna C. Clark, Jack Daniel Distillery, to William T. Stewart, Tennessee Department of Environment and Conservation. Concerning enclosed permit variance necessary to perform Treatability Study in cooperation with the Tennessee Department of Environment and Conservation and the U.S. Environmental Protection Agency. (June 17, 1994).

6.2 Sampling and Analysis Data

1. "Final Sampling and Analysis Plan - Interim Remedial Action of the Wrigley Charcoal Site," PRC Environmental Management, Inc. for Tennessee Department of Environment and Conservation. (June 15, 1993).
2. Memorandum from Douglas A. Bell, EPA Region IV, to Ed Opatken, EPA Region IV. Concerning additional tar sampling and analyses for bench-scale treatability studies. (December 10, 1993).
3. Analytical Services Certificate of Analysis - Water Samples. International Technology Corporation. (December 22, 1993).
4. Analytical Services Certificate of Analysis - Soil Samples. International Technology Corporation. (February 23, 1994).
5. Memorandum from Douglas A. Bell, EPA Region IV, to John Dickinson and Dick Green, EPA Region IV. Concerning evaluation of the classification of tar wastes at the Wrigley Charcoal Site based on data gathered in October 1993. (May 17, 1994).

6.2 Sampling and Analysis Data (cont'd.)

6. Combustible Gas Indicator / H-NU Photoionization Detector Calibration Data Sheets. OHM Corporation. (June 1994).
7. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Douglas Bell, EPA Region IV. Concerning enclosed analytical results of the Treatability Study. (August 5, 1994).
8. Memorandum for Edward J. Opatken, EPA Region IV, to Douglas Bell, EPA Region IV. Concerning attached results of the Wrigley Charcoal Bench-Scale Bioslurry Study. (August 19, 1994).

6.4 Work Plans and Progress Reports

1. "Remedial Design for Interim Remedial Action (Operable Unit No. 1) of the Wrigley Charcoal Site - Wrigley, Tennessee - Revised Work Plan," PRC Environmental Management, Inc. for Tennessee Department of Environment and Conservation. (March 8, 1993).
2. Letter from Douglas A. Bell, EPA Region IV, to Robert Powell, Tennessee Department of Environment and Conservation. Concerning EPA comments on the Amended (Final) Interim Remedial Action Design Work Plan. (December 7, 1993).
3. Letter from Douglas A. Bell, EPA Region IV, to Tim Stewart, Tennessee Department of Environment and Conservation. Concerning enclosed suggested information for the Treatability Study Work Plan. (May 25, 1994).
4. Letter from Harold Taylor, EPA Region IV, to Brenda Apple, Tennessee Department of Environment and Conservation. Concerning enclosed comments on the Draft Treatability Study Work Plan. (June 14, 1994).
5. "Treatability Study Workplan, Wrigley Charcoal," Tennessee Department of Environment and Conservation, Division of Superfund. (June 17, 1994).

6.6 Interagency & Cooperative Agreements

1. Letter from Donald J. Guinyard, EPA Region IV, to Ralph M. Sinclair, Tennessee Department of Environment and Conservation. Concerning need to negotiate for a State-lead Cooperative Agreement or a State Superfund Contract. (January 2, 1992).

6.8 Remedial Design Documents (cont'd.)

1. "Draft Quality Assurance Project Plan for Interim Remedial Action Sampling," PRC Environmental Management, Inc. for Tennessee Department of Environment and Conservation. (June 1993).
2. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Harold Taylor, EPA Region IV. Concerning Feasibility Study for Tar Disposal Options. (April 26, 1994).
3. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Donna Clark, Jack Daniel's Distillery. Concerning the amount of wood tar used in the treatability study. (June 29, 1994).
4. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Donna Clark, Jack Daniel's Distillery. Concerning reasoning for longer treatability study testing. (June 29, 1994).
5. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Doug Bell, EPA Region IV. Concerning overview of the Treatability Study conducted June 21-22. (June 30, 1994).
6. Letter from John W. Walton, State of Tennessee Air Pollution Control Board, to Donna C. Clark, Jack Daniel Distillery. Concerning State acceptance of the Treatability Study Report and sampling data reviewed by the Division of Air Pollution Control Compliance Monitoring Program. (September 16, 1994).

7.0 REMEDIAL ACTION (RA)

7.1 Correspondence

1. Letter from Douglas A. Bell, EPA Region IV, to Robert Powell, Tennessee Department of Environment and Conservation. Concerning follow-up on items concerning the Interim Remedial Action Activities at the Wrigley Charcoal Site. (November 30, 1993).
2. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Lisa Montalvo, EPA Region IV. Concerning a summary of completed work for the Phase II Interim Remedial Action. (July 17, 1995).

7.2 Sampling and Analysis Data (cont'd.)

1. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Liza Montalvo, EPA Region IV. Concerning transmittal of attached results of sediment and soil samples taken from North Fork and Mill Creek. (August 31, 1995).

7.3 Scopes of Work

1. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Lisa Montalvo, EPA Region IV. Concerning request to add Tar Pit Material to the Phase II, Operable Unit 1, Scope of Work. (June 9, 1995).

9.0 STATE COORDINATION

9.1 Correspondence

1. Letter from Tim Stewart, Tennessee Department of Environment and Conservation, to Douglas Bell, EPA Region IV. Concerning completion of Phase I, OU-1 activities. (July 21, 1994).

13.0 COMMUNITY RELATIONS

13.2 Mailing Lists

1. Cross-Reference: "Wrigley Charcoal Superfund Site List of Public Contacts and Interested Parties," Ebasco Services Incorporated (April 1991). Updated version of Appendix B of the November 1989 Community Relations Plan. [Filed and cited as entry number 3 in 13.6 COMMUNITY RELATIONS - Community Relations Plans]
2. Cross-Reference: "Wrigley Charcoal Site Public Information Repository," Ebasco Services Incorporated (April 1991). Updated version of Appendix D of the November 1989 Community Relations Plan. [Filed and cited as entry number 4 in 13.6 COMMUNITY RELATIONS - Community Relations Plans]
3. Cross-Reference: "Suggested Locations for Public Meetings Regarding the Wrigley Charcoal Site," Ebasco Services Incorporated (April 1991). Updated version of Appendix E of the November 1989 Community Relations Plan. [Filed and cited as entry number 5 in 13.6 COMMUNITY RELATIONS - Community Relations Plans]

13.4 Work Plans and Progress Reports (cont'd.)

1. "Draft Work Plan For Community Relations Plan Implementation - Wrigley Charcoal Superfund Site - Wrigley, Hickman County, Kentucky (Tennessee)," (July 1990).
2. Cross-Reference: "Feasibility Study Work Plan and Community Relations Work Plan - Wrigley Charcoal Site, Wrigley, Hickman County, Tennessee," Ebasco Services Incorporated (August 1990). [Filed and cited as entry number 3 in 4.4 FEASIBILITY STUDY (FS) - Work Plans and Progress Reports]
3. Cross-Reference: Letter from D. Karen Knight, Ebasco Services Incorporated, to Doug Bell, EPA Region IV (August 17, 1990). Concerning preliminary comments on the Work Plan for the Wrigley Charcoal Site Feasibility Study and the Community Relations Plan work plan. [Filed and cited as entry number 4 in 4.4 FEASIBILITY STUDY (FS) - Work Plans and Progress Reports]
4. Letter from D. Karen Knight, Ebasco Services Incorporated, to Doug Bell, EPA Region IV (October 5, 1990). Concerning the transmittal of revision 1 of the Community Relations Plan Work Plan and an updated Community Relations schedule.

13.6 Community Relations Plans

1. "Final Community Relations Plan for the Wrigley Charcoal Superfund Site Remedial Investigation/ Feasibility Study - Wrigley, Hickman County, Tennessee," Ebasco Services Incorporated (November 1989).
2. Letter from D. Karen Knight, Ebasco Services Incorporated, to Derek Matory, EPA Region IV (November 14, 1989). Concerning the transmittal of the November 1989 Revised Draft Community Relations Plan.
3. "Wrigley Charcoal Superfund Site List of Public Contacts and Interested Parties," Ebasco Services Incorporated (April 1991). Updated version of Appendix B of the November 1989 Community Relations Plan.

13.6 Community Relations Plans (cont'd.)

4. "Wrigley Charcoal Site Public Information Repository," Ebasco Services Incorporated (April 1991). Updated version of Appendix D of the November 1989 Community Relations Plan.
5. "Suggested Locations for Public Meetings Regarding the Wrigley Charcoal Site," Ebasco Services Incorporated (April 1991). Updated version of Appendix E of the November 1989 Community Relations Plan.
6. Letter from Douglas A. Bell, EPA Region IV, to Suzanne Wilkes, Tennessee Department of Environment and Conservation. Concerning transmittal of the Draft Community Relations Plan for the State to finalize. (August 11, 1994).

13.7 News Clippings and Press Releases

1. "Meeting at EHS Thursday - EPA Proposes \$1.5M Clean-Up at Wrigley", Hickman County Times (July 22, 1991).
2. Press Release, "U.S. Environmental Protection Agency, Region IV, Wrigley Charcoal Superfund Site, Hickman County, Tennessee, Information Update Issued," EPA Region IV. Concerning announcement of Information Update that explains cleanup activities to date and describes the Explanation of Significant Differences (proposed change in a component of the cleanup remedy). (November 20, 1995).

13.8 Public Meetings

1. Public Meeting Announcement coordinated by the University of Tennessee, Environmental Technical Assistance Group, and the Tennessee Department of Health and Environment, Division of Superfund (October 24, 1988). Public meeting to provide information and answer citizen's questions concerning the Wrigley Charcoal Plant Site in Wrigley, Tennessee.
2. "Public Notices - The United States Environmental Protection Agency Invites Public Comment on the Proposed Plan for Interim Remedial Action at the Wrigley Charcoal Superfund Site Wrigley, Hickman County, Tennessee (July 15, 1991).
3. Transcript, Feasibility Study Public Meeting for the Wrigley Charcoal Site, EPA Region IV (July 25, 1991).

13.8 Public Meetings (cont'd.)

4. Transcript, Public Hearing in the Matter of: Wrigley Charcoal Superfund Site, Tennessee Department of Environment and Conservation. (November 3, 1994).

13.9 Fact Sheets

1. FACT SHEET for Wrigley Charcoal Plant Site, Wrigley, Tennessee prepared by the Tennessee Department of Health and Environment, Division of Superfund (October 1988).
2. "Remedial Investigation/Feasibility Study Fact Sheet - Wrigley Charcoal Site, Hickman County, Tennessee," EPA Region IV (August 1989). Concerning background information of the Site and the Superfund process.
3. "Superfund Study Update - Fact Sheet - Wrigley Charcoal Superfund Site, Hickman County, TN," EPA Region IV (December 1990). Concerning a review of the Site history and describes the present status of the Site, the investigation and the Superfund process.
4. Cross-Reference: "Superfund Proposed Plan Fact Sheet - Interim (July 1991). [Filed and cited as entry number 1 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]
5. "Superfund Update - Remedial Design/Remedial Action Fact Sheet, Wrigley Charcoal Site," EPA Region IV. Concerning cleanup activities for the Interim Remedial Action. (October 1993).
6. Cross-Reference: "U.S. EPA Issues Proposed Plan to Modify Interim Action Record of Decision, Wrigley Charcoal Site," EPA Region IV. (October 1994). [Filed and cited as entry number 15 in 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]

14.0 CONGRESSIONAL RELATIONS

14.1 Correspondence

1. Cross-Reference: Letter from Greer Tidwell, EPA Region IV, to the Honorable Ned McWherter, Governor of Tennessee (September 16, 1988). Concerning the response to Governor McWherter's letter of August 25, 1988 (copy attached). [Filed and cited as entry number 3 in 2.1 REMOVAL RESPONSE - Correspondence]

16.0 NATURAL RESOURCE TRUSTEE

16.1 Correspondence (cont'd.)

1. Letter from Jonathan Deason, U.S. Department of the Interior, to Narindar Kumar, EPA Region IV (April 4, 1991). Concerning the Departments response to EPA Region IV's request for a preliminary natural resources survey pursuant to IAG #DW14933774-1 for the Wrigley Charcoal Site.
2. Letter from Lee Barclay, U. S. Department of the Interior, to Doug Bell, EPA Region IV (August 16, 1991). Concerning future planned resource studies at the Wrigley Charcoal Site.

17.0 SITE MANAGEMENT RECORDS

17.4 Site Audio-Visuals

1. Map of the Wrigley Charcoal Site, Wrigley, Tennessee, and the Bon Aqua Water Lines (DATE UNKNOWN).
2. Water System Map of the Bon Aqua-Lyles Utility District of Hickman County, Tennessee, J. R. Wauford & Co. (August 1984).
3. Letter from J. David Knapp, Ebasco Services Incorporated, to Doug Bell, EPA Region IV (December 7, 1990). Concerning transmittal of the National Wetlands Inventory Map and the geological map for the Lyles Quadrangle in Tennessee.
4. Site Location Map, Wrigley, Hickman County, Tennessee, Roy F. Weston (June 13, 1991).

17.7 Reference Documents

1. Letter from Tushar Talele, Ebasco Services Incorporated, to Doug Bell, EPA Region IV (March 26, 1991). Concerning transmittal of reference material for the Wrigley Charcoal Site.

17.8 State and Local Technical Records

1. Cross-Reference: "Initial Site Visit, Wrigley Dump, Wrigley, Tennessee," Representatives from the State of Tennessee Department of Solid Waste Management (April 25, 1985). [Filed and cited as entry number 1 in 1.9 PRE-REMEDIAL - Site Inspection Documents]

17.8 State and Local Technical Records (cont'd.)

2. Memorandum from Todd Hughes, Tennessee Department of Health and Environment to the Files (June 17, 1985). Concerning Preliminary Evaluation, Wrigley Charcoal Company Plant.
3. Memorandum from Todd Hughes, Tennessee Department of Health and Environment to the Files (July 9, 1985). Concerning a Trip Report, Preliminary Investigation at Wrigley Charcoal.
4. Memorandum from Barry Atnip, Tennessee Department of Health and Environment to Wrigley Charcoal Site (August 2, 1985). Concerning Tar & Limestone Pits.
5. "Scoping Document for: Site Investigations and Hazard Evaluation/Remedial Alternatives Analysis at the Wrigley Site," Roy F. Weston (August 1987).
6. Letter from Glen Pugh, Tennessee Department of Health and Environment to Jan Rogers, EPA Region IV (April 29, 1988). Concerning the transmittal of the "Scoping Document for: Site Investigations and Hazard Evaluation/Remedial Alternatives Analysis at the Wrigley Site," Roy F. Weston and an evaluation of the Wrigley Charcoal Site concluding that an immediate response is warranted.
7. Cross-Reference: Letter from John DeMelas, Roy F. Weston, Inc., to Ronnie Bowers, Tennessee Department of Health and Environment (May 31, 1988). Concerning the Ground Water Inventory at Wrigley Charcoal Site; Wrigley, Hickman County, TN. (This document contains confidential information which is only available for judicial review). [Filed and cited as entry number 1 in 2.1 REMOVAL RESPONSE - Correspondence]
8. Letter from J. David Knapp, Ebasco Services Incorporated, to Doug Bell, EPA Region IV (June 20, 1991). Concerning the transmittal of historical documents which are also included as Appendix L of the Remedial Investigation Report.